

University of Goce Delcev - Stip



First International Students  
Congress in Dental Medicine  
2018

# DIGITAL VS ANALOGICAL IN DENTAL MEDICINE

Stip, Republic of Macedonia

26-29.03.2018

Media centre, Stip

brought to you by





**University of Goce Delcev- Stip**

***International students congress in dental  
medicine***



## **Digital VS Analogical in Dental Medicine**

Faculty of Medical Sciences at the University “GoceDelcev” in Stip gladly invites you to participate in First International Students Congress where we will be able together to invest in the future of modern dentistry.

This Congress is a great opportunity to learn new techniques in dental treatment, to spend quality time with colleagues, to enjoy in the beautiful scenery of the Macedonian pearl- our city of Stip!

**Enjoy!**

Stip, Republic of Macedonia -28.03.-29.03.2018

# AGENDA

DAY ONE -WEDNESDAY , 28<sup>th</sup>of march

## WELCOME – HAVE A NICE STAY!

8:30-10:00	Registration of participants
10:00	OPENING CEREMONY OF THE CONGRESS

## MORNING SESSION

10:30	<b>ORAL PRESENTATIONS- SESSION 1</b> <b>Chairmen:</b> Ass. Prof. Papakoca K.; Ass. Prof. Zlatanovska K. ; Student -Ilievski S.
10:30-11:00	Invited speaker- <i>Prof. Rubin Gulaboski, dean of the Faculty of medical sciences</i> <b>Fake Science, Fake Journals, Fake Scientists</b>
11:00-11:20	Invited speaker- <i>Ass. Prof. Marija Darkovska- Serafimovska</i> <b>Adverse drug interactions in dental practice</b>
11:20-11:30	<b>Smile design with metal free ceramics</b> Author: <b><u>Stefanija Stojanova</u></b> Co-author: Stefani Joveva Mentor: Kocovski Darko Co-mentor: Zlatanovska Katerina
11:30-11:40	<b>Modified Direct Composite Resin Bonded Bridge</b> Author: <b><u>Aleksandar Andreevski</u></b> , Co-author: Natasha Longurova Mentor: Ivona Kovachevska
11:40-11:50	<b>Nanocomposites – The Future Of Improved Restorative Dentistry</b> Author: <b><u>Andrej Stojanovski</u></b> , Co-author: Artion Abdiju Mentor: Vera Stojanovska <i>Faculty of dentistry, European University, Skopje</i>
11:50-12:00	Discussion

## 12:00-13:00- POSTER PRESENTATIONS

	<b>POSTER PRESENTATIONS</b> <b>Chairmen:</b> Ass. D-r. Petrovski M.; D-r. Kocovski D.; student- Trajkova M.
<b>Theme 1</b>	<b>Adhesive EverStick bridge- a single solution for lost tooth</b> Author: <u>Marija Dejkoska</u> , Co- author: Stefan Ilievski Mentor: Sonja Rogoleva, Co-mentor: Ljupka Lazarova
<b>Theme 2</b>	<b>Oral health related quality of life in patients with removable dentures</b> Author: <u>Tatjana Lazareva</u> , Co-author: Anastasija Spasova Mentor: Darko Kocovski, Co-mentor: Katerina Zlatanovska
<b>Theme 3</b>	<b>3D Printing in Dental Lab</b> Author: <u>Emre Gulbahar</u> , Co-author: Lidija Angova Mentor: Apostoloski Pavle, Co-mentor: Kiril Mitevski
<b>Theme 4</b>	<b>Identification and most common problems in dental impressions</b> Author: <u>Jane Nacevski</u> , Co- author: Olivera Cekova Mentor: Katerina Zlatanovska, Co-mentor: Darko Kocovski
<b>Theme 5</b>	<b>Application of combined fixed – mobile prosthetic allowances</b> Author: <u>Manuel Stoimenov</u> Mentor: Ljupka Lazarova, Co-mentor: Sonja Rogoleva
<b>Theme 6</b>	<b>Ivoclar porcelain sistem empres max, part from modern dentistry</b> Autor: <u>Selman Candan</u> , Co-autor: Merve Bakan Mentor: Darko Kocovski, Co-mentor: Pavle Apostoloski
<b>Theme 7</b>	<b>Prevalence, causes and prevention of post – cementation hypersensitivity</b> Author: <u>Biljana Balshevska</u> Mentor: Katerina Zlatanovska, Co-mentor: Ivona Kovachevska
<b>Theme 8</b>	<b>Digital technology and techniques used in the fabrication of complete dentures</b> Author: <u>Simon Nadzenski</u> , Co-author: Hristijan Dimoski Mentor: Apostoloski Pavle, Co-mentor: Kiril Mitevski
<b>Theme 9</b>	<b>Digital vs analog dental impression</b> Author: <u>Magdalena Dejkoska</u> , Co-author: Slavica Tileva Mentor: Darko Kocovski, Co-mentor: Verica Toneva
<b>Theme 10</b>	<b>Edelweiss veneers for perfect Hollywood smile- Case Report</b> Author: <u>Packa Spasova</u> , Co- author: Ivana Spasova Mentor: Sonja Rogoleva, Co-mentor: Verica Toneva

<b>Theme 11</b>	<b>Hand tracing vs. digital methods of cefalometric analysis</b> Author: <u>Magdalena Koceva</u> , Co-author: Ana Trajkovska Mentor: Sandra Atanasova, Co-mentor: Verica Toneva
<b>Theme 12</b>	<b>Anatomical and morphological variations of the maxillary lateral incisor</b> Author: <u>Teodora Seneva</u> , Co-author: Marija Risteska Mentor: Kiro Papakoca, Co-mentor: Marija Hadji-Vasileva
<b>Theme 13</b>	<b>The manufacture of inlays throughout the dental clinics in the Municipality of Shtip</b> Author: <u>Petar Joleski</u> , Co-author: Stefan Nanev Mentor: Natasa Longurova, Co-mentor: Katerina Zlatanovska
<b>Theme 14</b>	<b>Tooth discolorations after dental interventions</b> Author: <u>Aleksandra Markoska</u> , Co-author: Izabela Brsakoska Mentor: Natasha Longurova, Co-mentor: Sandra Atanasova
<b>Theme 15</b>	<b>Composite laminates for a perfect smile</b> Author: <u>Verica Sajkarova</u> Mentor: Ljupka Lazarova, Co-mentor: Sandra Atanasova
<b>Theme 16</b>	<b>Use of the teeth whitening procedure by dental medicine students</b> Author: <u>Zorka Gjorgieva</u> , Co-author: Sara Talevska Mentor: Natasha Longurova, Co-mentor: Verica Toneva
<b>Theme 17</b>	<b>The most common reasons for toothache</b> Author: <u>Natalija Gorgieva</u> , Co-author: Lidija Angova Mentor: Verica Toneva, Co-mentor: Sandra Atanasova
<b>Theme 18</b>	<b>TMD disorders among dental students</b> Author: <u>Martin Treneski</u> , Co-author: Hristijan Dimovski Mentor: Terzieva-Petroska Olivera, Co-mentor: Petrovski Mihajlo
<b>Theme 19</b>	<b>Mineral trioxide aggregate material use in dental pathology</b> Author: <u>Anita Kirova</u> , Co-author: Frosina Pandova Mentor: Natasha Longurova, Co-mentor: Ivona Kovachevska
<b>Theme 20</b>	<b>The anatomo-morphological differences between primary and permanent teeth</b> Author: <u>Spase Sulev</u> , Co-author: Andon Stojkov, Mentor: Sanja Naskova, Co-mentor: Verica Toneva

**13:00-14.00**

**LUNCH BREAK**

**14:00-17:00**

**HANDS ON COURSES**



## AFTERNOON SESSION

<b>14:00</b>	<b>ORAL PRESENTATIONS- SESSION 2</b> <b>Chairmen:</b> Ass. Prof. Papakoca K.; D-r. Terzieva Petrovska O.; Student- Sulev S.
<b>14:00-14:30</b>	Invited speaker <i>Ass. Prof. Mirjana Bošković, Prof. Sasa Stankovic, Faculty of medical sciences, Nis, Serbia</i> <b>The importance of the dental profile in forensic dentistry</b>
<b>14:30-14:50</b>	Invited speaker <i>Olivera Terzieva-Petrovska</i> <b>The importance of oral hygiene for the longevity of dental implants</b>
<b>14:50-15:00</b>	<b>Management of post-operative complications in maxillary teeth extraction</b> Author: <u>Aleksandra Miteva</u> , Co-author: Zlatko Maksimov Menthor: Dimova Cena
<b>15:00-15:10</b>	<b>Post-operative complications after extraction of impacted lower third molar</b> Author: <u>Zlatko Maksimov</u> , Co-author: Aleksandra Miteva Menthor: Dimova Cena
<b>15:10-15:20</b>	<b>Invastigation of anesthetic efficacy of modified intraoral conduction mandibular technique by angulated needle</b> Author: <u>Kristina Burić</u> Mentor: Miloš Tijanić <i>Clinic of dentistry, Faculty of Medicine, University of Niš</i>
<b>15:20-15:30</b>	Discussion

15:30-16:00

COFFEE BREAK

## EVENING SESSION

<b>16:00</b>	<b>ORAL PRESENTATIONS – SESSION 3</b> <b>Chairmen:</b> Ass. Prof. Naskova S; Ass. D-r. Petrovski M.; student-Novoselska M.
<b>16:00-16:20</b>	Invited speaker <i>Ass. Prof. Kiro Papakoca</i> <b>Digital Vs. analog x-ray images and their application in dentistry then and now</b>
<b>16:20-16:40</b>	Invited speaker <i>Ass. D-r. Mihajlo Petrovski</i> <b>Implantology vs. Periodontology</b>
<b>16:40-16:50</b>	<b>The prevalence of tooth extraction due to periodontal disease</b> Author: <b><u>Dzemil Kurtagic</u></b> , Co-author: Erkin Crnisanin, Lazar Dobric Mentor: Ana Pejic <i>Clinic of dentistry, Faculty of Medicine, University of Niš</i>
<b>16:50-17:00</b>	<b>The use of soft tissue laser in everyday modern dental practise</b> Author: <b><u>Stefan Ilievski</u></b> , Co-author: Spase Sulev Mentor: Papakoca Kiro, Co-mentor: Rogoleva Sonja
<b>17:00-17:10</b>	<b>General plan of treatement in dentistry</b> Author: <b><u>Ordanka Kostova</u></b> , Co-author: Sofija Gavrilo Mentor: Petrovski Mihajlo, Co-mentor: Terzieva-Petrovska Olivera
<b>17:10-17:20</b>	<b>Dental Implant Planning using Cone Beam CT imaging</b> Author: <b><u>Simona Coneva</u></b> Mentor: Papakoca Kiro
<b>17:20-17:30</b>	Discussion

## DAY TWO – THURSDAY, 29<sup>th</sup> of march

### MORNING SESSION

9:00	<b>ORAL PRESENTATIONS-SESSION 4</b> <b>Chairmen:</b> Prof. Dimova C.; D-r. Terzieva-Petrovska O.; student-Dimovski H.
9:00-9:20	Invited speaker <i>Prof. Lidija Popovska, University "Sv. Kiril I Metodij" - Skopje</i> <b>Cleaning and shaping using rotary endodontic instruments</b>
9:20-9:40	Invited speaker <i>Jetmire Jakupi -Alimani, State University of Tetovo</i> <b>Assessing the caries risk factors among children at the age from 4-5 using the Cariogram program</b>
9:40-9:50	<b>Aesthetic restorations with porcelain veneers</b> Author: <u>Monika Kasuba</u> Mentor: Zlatanovska Katerina, Co-mentor: Longurova Natasa
9:50-10:00	<b>An assesment of some psychological aspects in children undergoing dental interventions</b> Author: <u>Iva Maslarevska</u> , Co-author: Liljana Petrova, Mentor: Sarakinova Olivera, Co-mentor: Kostadinovska Emilija <i>Faculty of dentistry, European University, Skopje</i>
10:00-10:10	<b>Immediate loading of dental implants with hybrid bridge</b> Author: <u>Danilo Krstevski</u> , Co-author: Katerina Spasovska, Dubravka Angelik Mentor: Veleviski Dragoljub, Co-mentor: Dimova Cena
10:10-10:20	Invited speaker <i>Pavle Apostoloski</i> <b>CAD/CAM systems- the basis of modern dental prosthetics</b>
10:20-10:40	Discussion
12:30-13:00	COFFEE BREAK



## 13:00-14:00 – POSTER PRESENTATIONS

	<b>POSTER PRESENTATIONS</b> <b>Chairmen:</b> Ass.Prof. Longurova N.; D-r. Rogoleva S.; student- K'rmazova S.
<b>Theme 1</b>	<b>Early childhood caries: prevalence, risk factors and prevention</b> Author: <u>Nikola Stojkov</u> , Co-author: Viktorija Popovska Mentor: Sanja Nashkova, Co-mentor: Ljupka Lazarova
<b>Theme 2</b>	<b>Application of fluoride in children (advantages and disadvantages)</b> Author: <u>Tatjana Taseva</u> , Co-author: Katerina Mladenovska Mentor: Ljupka Lazarova, Co-mentor: Sanja Nashkova
<b>Theme 3</b>	<b>Role of fluoride varnish in preventing early childhood caries</b> Author: <u>Marija Novoselska</u> , Co-author: Suzana K'rmzova Mentor: Sanja Naskova, Co-mentor: Sandra Atanasova
<b>Theme 4</b>	<b>Traumatic injury caused by a toothbrushing: a case report</b> Author: <u>Ljubica Prosheva</u> Mentor: Sandra Atanasova, Co-mentor: Sanja Nashkova
<b>Theme 5</b>	<b>Oral manifestations in patients with iron deficiency anemia</b> Author: <u>Marija Vojvodik</u> , Co-author: Simona Georgieva Mentor: Olivera Terzieva-Petrovska, Co-mentor: Sonja Rogoleva
<b>Theme 6</b>	<b>Oral manifestation in patients with diabetic disease</b> Author: <u>Blagica Miteva</u> , Co-author: Ksenija Dimitrusova Mentor: Sonja Rogoleva, Co-mentor: Olivera Terzieva-Petrovska
<b>Theme 7</b>	<b>Oral manifestation of GERD and Crohn's disease</b> Author: <u>Maja Trajkova</u> , Co-author: Zorica Kozuharova Mentor: Verica Toneva, Co-mentor: Aleksandra Toneva Nikolova
<b>Theme 8</b>	<b>Beneficial effects of <i>Lactobacillus sp.</i> against <i>Streptococcus mutans</i></b> Author: <u>Spase Stojanov</u> Mentor: Darinka Gjorgieva Ackova, Co-mentor: Katarina Smilkov

<b>Theme 9</b>	<b>Anti-caries vaccine - approach and challenges</b> Author: <b><u>Strahil Todorov</u></b> Mentor: Darinka Gjorgieva Ackova, Co-mentor: Katarina Smilkov
<b>Theme 10</b>	<b>Dental laser usage in everyday dental practice</b> Author: <b><u>Popovska Anastasija</u></b> , Co-author: Popovska Verica Mentor: Petrovski Mihajlo, Co-mentor: Terzieva-Petrovska Olivera
<b>Theme 11</b>	<b>The most common used painkillers</b> Author name: <b><u>Lea Efremova</u></b> , Co-author name: Maja Dejanoska Mentor: Aleksandra Toneva Co-mentor: Verica Toneva
<b>Theme 12</b>	<b>The most common anesthetics used in dentistry</b> Author: <b><u>Ognen Cvetanoski</u></b> , Co-author: Ljupcho Bikovski Mentor: Cena Dimova
<b>Theme 13</b>	<b>The beneficial effects of the PRF membranes in a clinical setting</b> Author: <b><u>Mimoza Alcheva</u></b> , Co-Author: Selman Candan Mentor: Kiro Papakocha, Co-mentor: Mihajlo Petrovski
<b>Theme 14</b>	<b>Most common reasons for apicotomy</b> Author: <b><u>Blagoj Lazarov</u></b> Mentor: Olivera Terzieva-Petrovska, Co-mentor: Mihajlo Petrovski
<b>Theme 15</b>	<b>Evaluation of post-extraction site wound healing</b> Author: <b><u>Ljupcho Bikovski</u></b> , Co-author: Ognen Cvetanoski Mentor: Cena Dimova
<b>Theme 16</b>	<b>Oral hygiene habits of a dental medicine students</b> Author: <b><u>Nikola Bozinov</u></b> Mentor: Olivera Terzieva-Petrovska, Co-mentor: Mihajlo Petrovski
<b>Theme 17</b>	<b>Assessment of oral hygiene additional supplements among dental students</b> Author: <b><u>Aleksandra Crngarova</u></b> , Co-author: Sofija Mitevska Mentor: Verica Toneva, Co-mentor: Sonja Rogoleva
<b>Theme 18</b>	<b>Oral hygiene maintenance in patients with denture</b> Author: <b><u>Sara Talevska</u></b> , Co-author: Zorka Gjorgieva Mentor: Verica Toneva ; Co- mentor: Darko Kocovski

14:00-17:00

## HANDS ON COURSES



**Одржување на орална хигиена во домашни услови**  
(Доц. Др. Сања Нашкова и Др. Верица Тонева)

Универзитет „Гоце Делчев“ - Штип  
Факултет за медицински науки  
Дентална Медицина





**Digital vs Analogical  
in Dental Medicine**

**Теоретски дел:**

- Основи и дополнителни средства за одржување на орална хигиена
- Видови, избор и одржување на четки за заби
- Техники на одржување на орална хигиена
- Придонес од одржување на орална хигиена

**Практичен дел:**

- Приказ на средства за одржување на орална хигиена
- Демонстрирање на техники на четкање на заби
- Демонстрирање на дополнителни средства за одржување на орална хигиена
- Сумирање на предностите од користење орално-хигиенските средства

Максимум: 8 учесници  
Место: Сала 1 (фантомска сала-сала за претклиника)  
Датум: 29.03.2018  
Време: 14 - 17 часот (1 час: 45 мин. теоретски дел, пауза: 15 мин. 2 часа: 2x 45 мин. практичен дел)  
Контакт меил: [verica\\_toneva@hotmail.com](mailto:verica_toneva@hotmail.com)





**Препарација на заби за безметални надоместоци – коронки и фасети**  
(Доц. Др. Катерина Златановска, Др. Дарко Кочовски и Др. Сандра Атанасова)

Универзитет „Гоце Делчев“ - Штип  
Факултет за Медицински Науки  
Дентална Медицина





**Digital vs Analogical  
in Dental Medicine**

**Теоретски дел 1-1.5 час:**

- вовед во безметалните системи – поделба, индикации и практична примена
- препарација на зобите за безметални коронки и фасети
- принципи на цементирање на безметалните реставрации – избор на цемент, специфичности на припрема на заб и на безметалниот надоместок

**Практичен дел 2 час:**

- препарација на три таба (централен иницијал, премолар и молар)

Место: Сала 1 (фантомска сала-сала за претклиника)  
Датум: 28.03.2018  
Време: 14-17 часот  
Контакт меил: [kocovski99@gmail.com](mailto:kocovski99@gmail.com)





**NEEDLES, SUTURE MATERIALS AND KNOTS USED IN ORAL SURGERY PROCEDURES**

Lecture: prof. d-r Cena Dimova  
Instructors: prof. d-r Cena Dimova, d-r Sonja Rogoleva, d-r Marija Hadzi-Vasileva, d-r Ljupka Lazarova, d-r Darko Kocovski  
University „Goce Delchev“ - Stip  
Faculty of Medical Science  
Dental Medicine





**Digital vs Analogical  
in Dental Medicine**

**Introduction:**  
The paramount goal of soft tissue surgery is closure of wound flaps, in the absence of tension on the flaps, which will lead to optimal wound healing.  
Oral surgical procedures that require flap manipulation such as those used with traditional oral surgery procedures, dental implantation, periodontal therapy, hard and soft tissue regeneration, and the excision of pathologic tissue require excellence in execution and a thorough understanding of the various techniques of surgery, suturing and the materials currently available to ensure the desired clinical results.

**Program (group of maximal 15 students):**  
14.00 - 14.30 lecture of oral surgery armamentarium for oral surgery incision, flap design and suturing (needles, suturing materials and knots).  
14.30 - 16.00 Workshop  
Demonstration of suturing technique: simple loop, interrupted suture, horizontal and vertical mattress suture.  
16.00 - 16.10 Certifications  
Contact mail: [sonjarogoleva@gmail.com](mailto:sonjarogoleva@gmail.com)





**Техники на апликација на гутаперка**  
(Проф. Др. Ивона Ковачевска, Доц. Др. Наташа Денкова, Др. Сандра Атанасова, Др. Верица Тонева)

Универзитет „Гоце Делчев“ - Штип  
Факултет за Медицински Науки  
Дентална Медицина





**Digital vs Analogical  
in Dental Medicine**

**Теоретски дел (1 час):**

- Подготовка за ендодонтиски третман
- Инструменти за препарација на коренски канали
- Техники и цели на канално ширење
- Методи на ширење на коренски канали
- Оптурација на коренски канали

**Практичен дел (2 часа):**

- Демонстрација на оптурација на коренски канали на следните техники (гутаперча кондензација, Thermafil и GuttaFlow техника)
- Практично изведување на модели
- Евалуација на обуката

Максимален број на учесници: 10 студенти.  
Место: Ординација 4  
Датум: 28.03.2018  
Време: 14-17 часот  
Контакт меил: [natasha.denkova@ugd.edu.mk](mailto:natasha.denkova@ugd.edu.mk)







**WE ARE INVITING YOU  
TO THE PARTY**

**LET'S CELEBRATE**

**FOR THE SUCCESSFUL CONGRESS AND FOR THE  
WONDERFUL MOMENTS SPEND TOGETHER**

**WEDNESDAY, 28<sup>TH</sup> OF MARCH  
UNIVERSITY RESTAURANT**



**THANK YOU FOR YOUR PRESENCE AND  
PARTICIPATION!**

**WE HOPE YOU HAD A WONDERFUL  
TIME!**



**President of the congress**  
**Prof. Gulaboski Rubin**

**Vice-presidents of the congress**  
**Ass. Prof. Papakoca Kiro**  
**prof. Dimova Cena**

#### **Scientific board**

- **Prof. Kovacevska Ivona**
- **Prof. Minovska Ana**
- **Prof. Sabanov Erol**
- **Prof. Dimova Cena**
- **Ass. Prof. Carceva-Salja Sofija**
- **Ass. Prof. Papakoca Kiro**
- **Ass. Prof. Zlatanovska Katerina**
- **Ass. Prof. Longurova Natasha**
- **Ass. Prof. Nashkova Sanja**
- **Ass. Petrovski Mihajlo**
- **Ass. Zarkova-Atanasovski Julija**
- **D-r. Terzieva-Petrovska Olivera**
- **Ass. Prof. Kenan Ferati**
- **Ass. Prof. Valentina Veselinovic, R.Srpska**
- **Prof. dr. Krasic Dragan, R.Srbija**
- **Prof. dr. Nikola Buric, R.Srbija**
- **Prof. Markovski Velo**
- **Prof. Dr. Milka Zdravkovska**
- **Prof. dr. Vaso Taleski**

**Secretary of the congress**  
**Ass. Petrovski Mihajlo**

#### **Organizing board**

- **D-r. Toneva Verica**
- **D-r. Atanasova Sandra**
- **D-r. Kocovski Darko**
- **D-r. Lazarova Ljupka**
- **D-r. Rogoleva Sonja**
- **D-r. Hadzivasileva Marija**
- **Apostoloski Pavle**
- **Mitevski Kiril**

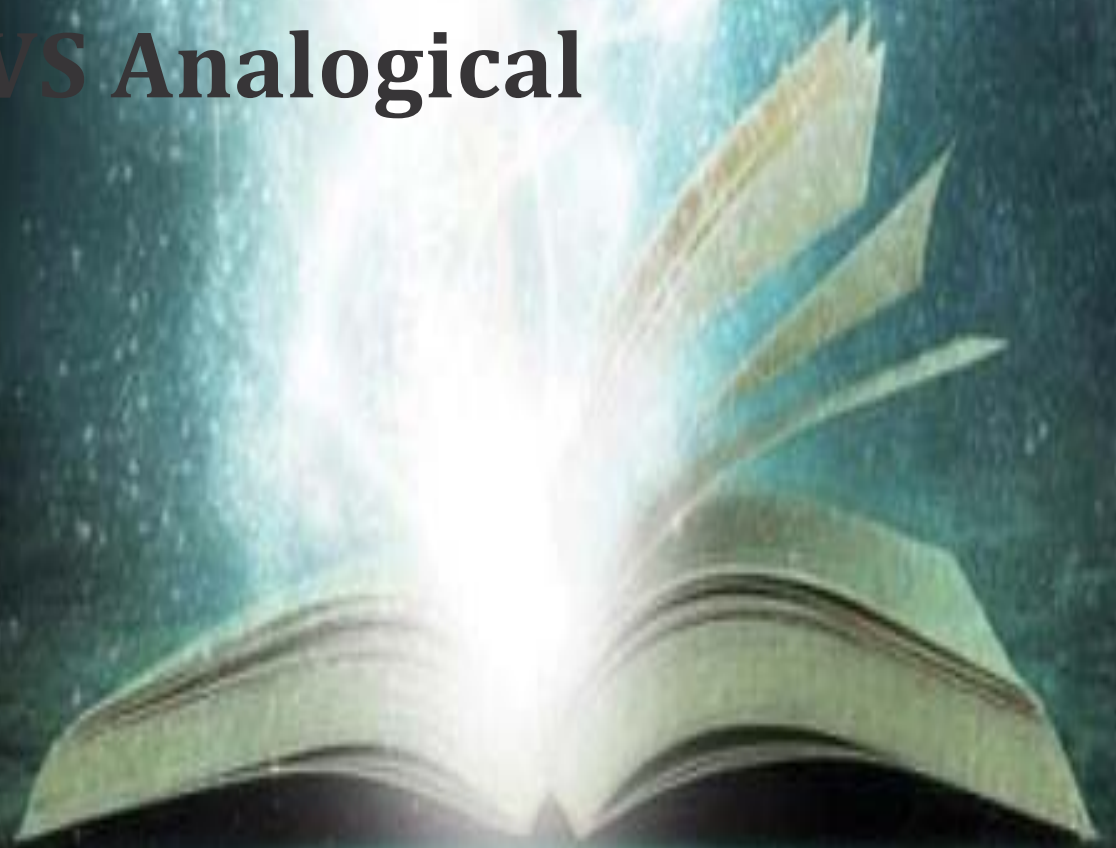
#### *Students:*

- ***Aleksandar Ristovski***
- ***Ana Nakova***
- ***Anastasija Popovska***
- ***Andon Stojkov***
- ***Anita Kirova***
- ***Filip Gavrilov***
- ***Hristijan Dimovski***
- ***Ljubica Proseva***
- ***Maja Trajkova***
- ***Marija Novoselska***
- ***Martin Trenevski***
- ***Nina Dimevska***
- ***Ognen Cvetanovski***
- ***Ordanka Kostova***
- ***Sofija Gavrilova***
- ***Spase Sulev***
- ***Stefan Ilievski***
- ***Suzana Krmazova***
- ***Zlatko Maksimov***
- ***Zorica Kozuharova***



# **ABSTRACT BOOK**

**Digital VS Analogical**



**First International Students Congress in Dental Medicine**

**Stip 28-29.03.2018**



# **INVITED SPEAKER LECTURES**

# **Dental laser usage in everyday dental practice**

Author: **Popovska Anastasija**, Co-author: Popovska Verica

Mentor: Petrovski Mihajlo, Co-mentor: Terzieva-Petrovska Olivera

*University "Goce Delcev"- Stip*

## **Abstract**

**Introduction:** In the last ten years, dental lasers become a vital part of many dental practices and a solution to many clinical problems that are seen daily in private practice. Dental lasers are very useful tool helping general practitioners and dental specialists for both soft and hard tissues.

The main goal of this our research is to determine the most common dental procedures performed in dental offices using laser technology.

**Material and method:** The research included three dental offices, with seven dentists who use lasers in their everyday dental practice. Each of the doctors responded to a specially designed questionnaire, from which the data were later extracted and analyzed.

**Results:** Most commonly performed dental interventions by the clinicians in examined dental practices are interventions performed on soft oral tissues. The most commonly performed dental soft tissue interventions are laser frenulectomy and crown lengthening. Also, lasers are often used in periodontal interventions and in dental implantology.

**Conclusion:** Dental lasers, as a modern tool, can find numerous indications in everyday dental practice. The numerous advantages that the laser possesses as a tool should be the reason for its increasing use in various types of dental interventions. Common use of lasers is reduced to a small number of interventions depending on the knowledge and routine of the clinician himself. By introducing modern educational programs this situation could be improved.

## **Keywords**

dental lasers, laser dental intervention, laser frenulectomy, crown lengthening.